

FILE NOTATIONS

Entered in NID File

Entered On 5 R Sheet

Location Map Placed

Card Indexed

W R for State of Fee Land

☒
☒
☒
☒

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

☒
☒
☒
☐

COMPLETION DATA:

Date Well Completed 6-13-63

OW _____ WW _____ TA _____

GW _____ OS _____ PA ☒

Location Inspected

Bond released

State of Fee Land

USGS

LOGS FILED

Driller's Log 6-26-63

Electric Logs (No.) 2

E _____ L _____ EI ☒ GR _____ GR-NI _____ Micro _____

Lat _____ NMI-L _____ Sonic ☒ Others _____

Subsequent Report of Abandonment

ULC
D-10-91

copy H. L. E.
(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock

	14	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Navajo Tribal
Lease No. 14-20-603-362

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 3, 19 63

Navajo "U"

Well No. 44-14 is located 510 ft. from S line and 633 ft. from E line of sec. 14

SE SE Sec. 14 T43S R25E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of ~~the derrick~~ ^{ungraded ground} floor above sea level is 4222 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to drill a well to approximately 6050' into the Chimney Rock formation.
Plan to set the following casing strings:

- 1) 100' of 13-3/8" conductor pipe with cement circulated to surface.
- 2) 1700' of 8-5/8" surface casing with cement circulated to surface.
- 3) 5-1/2" production casing through any commercial shows of oil or gas with casing cemented through all such zones.

NOTE: Tract Survey and Location Plat attached.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE SUPERIOR OIL COMPANY

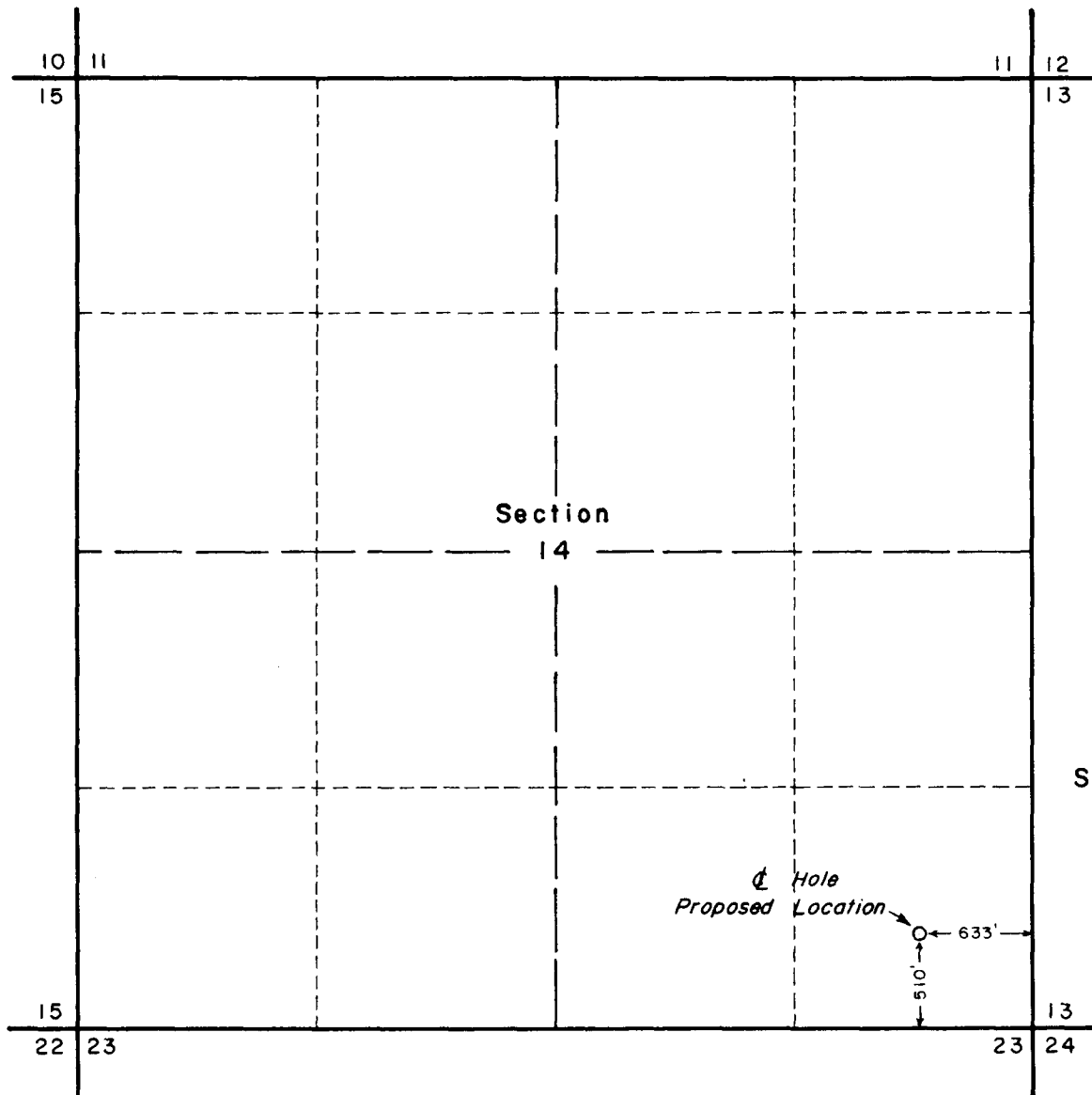
Address P. O. DRAWER 'G'

CORTEZ, COLORADO

By J. C. Gordy

Title Drilling Engineer

Copy H. L. C.



WELL LOCATION: The Superior Oil Company - Navajo "U" 44-14

Located 510 feet North of the South line and 633 feet West of the East line of Section 14,
Township 43 South, Range 25 East, Salt Lake Base & Meridian.
San Juan Co., Utah
Existing ground elevation determined at 4922 feet based on U. S. G. S. datum.



I, E. M. Clark, certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

E. M. Clark

E. M. CLARK
Registered Land Surveyor
State of Utah # 2307

THE SUPERIOR OIL CO.

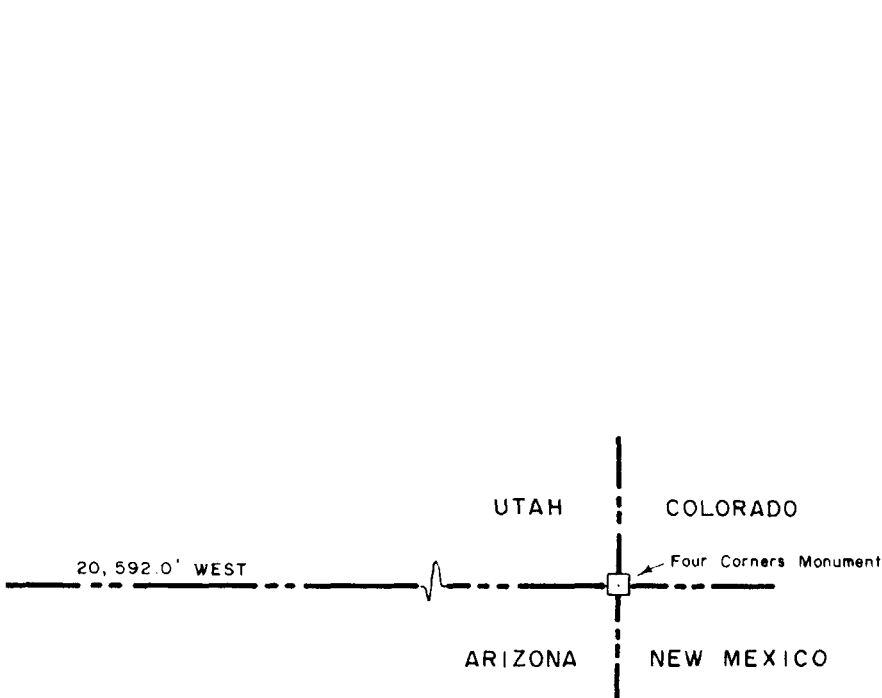
WELL LOCATION PLAT
Sec. 14 - T43 S-R25 E
San Juan Co., Utah

E. M. CLARK & ASSOC.
Durango, Colorado

DATE: March 15, 1963
FILE NO: 63015

FILE NO. U-17
CONTRACT NO. 14-20-503-362
TRACT NO. 140 LEGAL DESCRIPTION

BEGINNING AT A POINT 20,592 FEET WEST ALONG THE
BOUNDARY BETWEEN THE STATES OF UTAH AND ARIZONA
AND 10,500 FEET NORTH OF POINT OF ORIGIN; THENCE
NORTH 10,500 FEET; THENCE WEST 10,500 FEET;
THENCE SOUTH 10,500 FEET; THENCE EAST 10,500
FEET TO THE POINT OF BEGINNING; THE NORTH,
WEST, SOUTH AND EAST BOUNDARIES OF SAID TRACT
BEING COMMON TO THE SOUTH, EAST, NORTH AND WEST
BOUNDARIES OF TRACTS 13, 14, 141, AND 150
RESPECTIVELY. TRACT NO. 140 WHEN SURVEYED WILL
PROBABLY BE DESCRIBED AS FOLLOWS: SECTIONS 13,
14, 23, AND 24 OF TOWNSHIP 43 SOUTH, RANGE 25
EAST, S.10.10, AND CONTAINING A TOTAL OF
APPROXIMATELY 2500 ACRES.



SCALE: 1" = 2000'

I hereby certify the above plat represents a survey
made under my supervision and that it is accurate
to the best of my knowledge and belief.

Elmer M. Clark
ELMER M. CLARK
Registered Land Surveyor
State of Utah #2307

SURVEY FOR
THE SUPERIOR OIL COMPANY

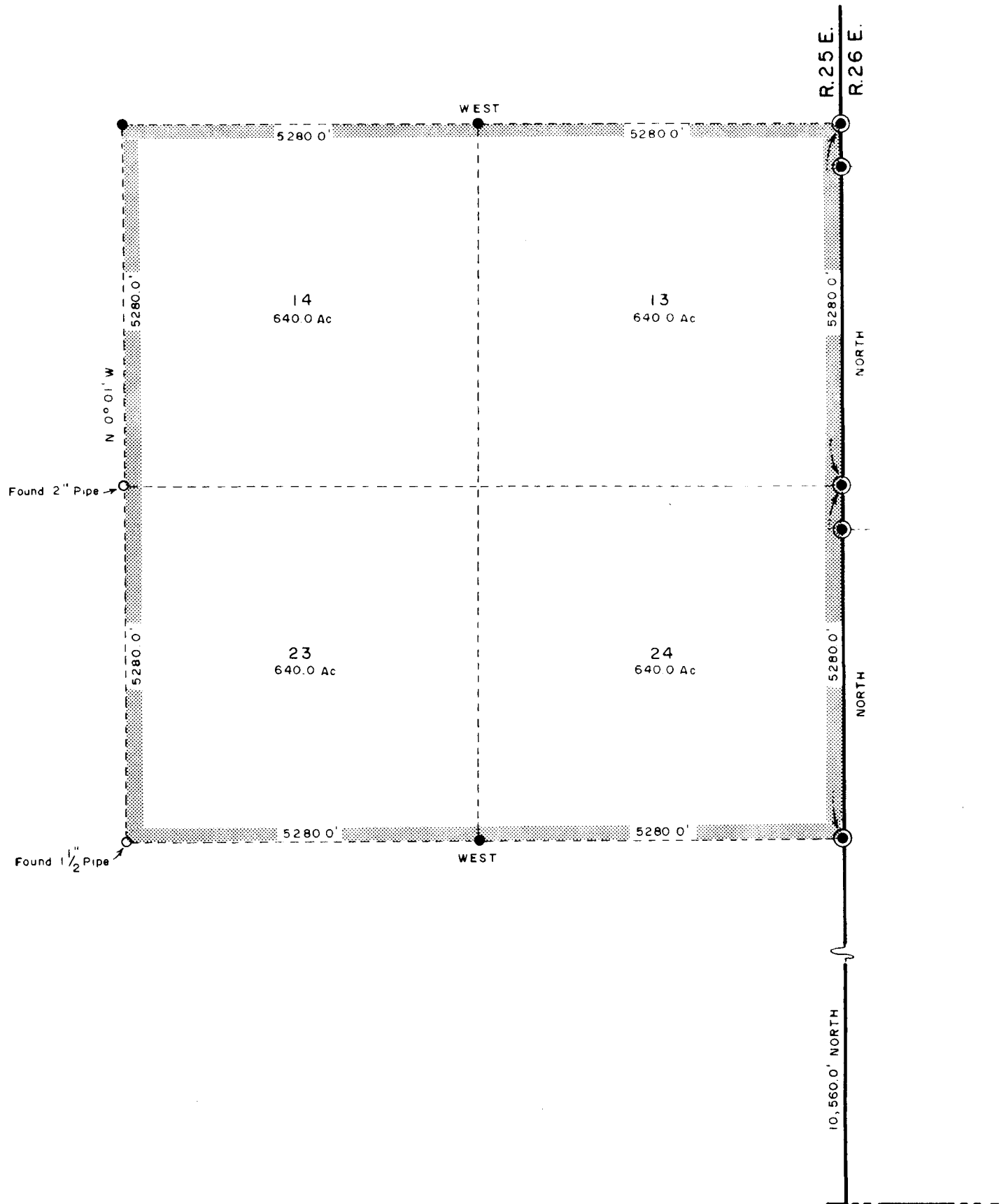
TRACT SURVEY
Sections 13, 14, 23 & 24
T. 43 S. - R. 25 E.
San Juan Co., Utah

E.M. CLARK & ASSOC.
Durango, Colorado

DATE: March 19, 1963
FILE NO: 63014

UNSURVEYED LANDS

Total Area 2560.0 Acres



- Found U S Bureau Of Land Management Brass Cap
- Set 1 1/2" Marked Iron Pipe
- Tract Boundary
- Section Line

May 8, 1963

Superior Oil Company
P. O. Drawer 'G'
Cortez, Colorado

Attention: J. C. Gordy, Drilling Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo 'U' 44-#14, which is to be located 510 feet from the south line and 633 feet from the east line of Section 14, Township 43 South, Range 25 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2890
Salt Lake City, Utah

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed

May 8, 1963

if water sands (aquifers) are encountered while drilling,
particularly assessable near surface water sands.

Your cooperation with respect to completing this form
will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:cnp

cc: P. T. McGrath, District Engineer
U. S. Geological Survey
Farmington, New Mexico

H. L. Coonts, Petroleum Engineer
Oil & Gas Conservation Commission
Moab, Utah

	14		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Window Rock

Navajo Tribal

Allottee _____

Lease No. 14-20-603-362

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 11, 1963

Navajo 'U'
Well No. #44-14 is located 510 ft. from Top line and 633 ft. from E line of sec. 14

SE SE Section 14
($\frac{1}{4}$ Sec. and Sec. No.)

T43S
(Twp.)

R25E
(Range)

SLB&M
(Meridian)

Wildcat

San Juan County

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the kelly bushing above sea level is 4934 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated TD: 6050' Spudded: May 21, 1963 8-5/8" Surface Casing at 1618'

Propose to plug & abandon well by equalizing the following plugs:

- #1 - 160 sacks w/DP @ 6050' (TD); Calculated top 5500' (Est. Top Ismay 5579')
- #2 - 50 sacks w/DP @ 4760'; Calculated top 4585' (Est. Top Hermosa 4710')
- #3 - 50 sacks w/DP @ 3000'; Calculated top 2825' (Est. Top De Chelly 2920')
- #4 - 50 sacks w/DP @ 1680'; Calculated top 1506' (Run in & check top).
- #5 - 10 sacks placed in top of 8-5/8" surface casing.

NOTE: Estimated Tops.

A steel plate will be welded to the top of the 8-5/8" casing & a conventional dry hole marker erected after the rig has been moved.

NOTE: Verbal approval obtained by phone from Mr. Baier USGS Farmington, NM on 6/11/63.
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE SUPERIOR OIL COMPANY

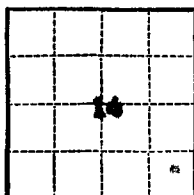
Address P. O. DRAWER 'G'

CORTEZ, COLORADO

ORIGINAL SIGNED BY
J. C. GORDY

By J. C. Gordy
Title Drilling Engineer

JCG/njh



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R359.4.

Indian Agency _____
Window Rock
Allottee Navajo Tribal
Lease No. 14-20-603-362

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT <input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY <input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 17, 1963

Navajo 'U'
Well No. 44-14 is located 510 ft. from DR line and 633 ft. from E line of sec. 14
SE Section 14 T43S R25E 1430M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4933 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD: 5980
6980

SPUDDED: May 21, 1963

ABANDONED: June 13, 1963

CASING: 13-3/8 set at 115' with 125 sacks circ. to surface.
8-5/8 set at 1618' with 585 sacks circ. to surface.

(Over)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE SUPERIOR OIL COMPANY

Address P. O. DRAWER 'G'
CORTIZ, COLORADO

ORIGINAL SIGNED BY
J. C. GORDY

By J. C. Gordy
Title Drilling Engineer

JCG/njh

LOGGING: Ran IBS and GR-Sonic Cal per Logs from 1613 to 5680'

Formation tops from Logs:	De Chelly	2796'
	Organ Rock	3100'
	Hermosa	4702'
	Isney	5574'
	Lower Isney	5689'
	Desert Creek	5738'
	Chimney Rock	5920'

CORES: None

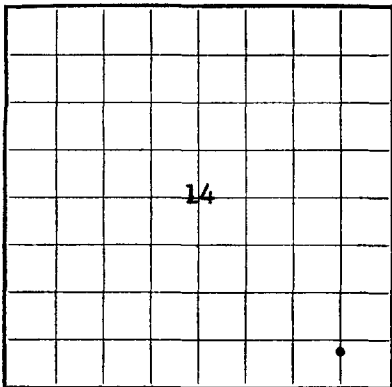
DET A1: 5697'-5730' Opened tool to atm. 10 min, weak blow. Closed tool 30 min, opened tool for 1 hr flow test - weak blow increasing to fair blow throughout test. Closed for 1 hr. Recovered 420' brine water 8.00/gal. IHMP - 3000#, ICIP - 2093#, IPP - 70#, FFP - 190#, FCIP - 2045#, FIMP - 2970#, NIT - 130' F

PLUGGING: for abandonment

Plug #1: Equalized 150 sks w/DP at 5980' (Calculated fill up - 5455')
Plug #2: Equalized 50 sks w/DP at 4760' (Calculated fill up - 4385')
Plug #3: Equalized 50 sks w/DP at 2874' (Calculated fill up - 2700')
Plug #4: Equalized 50 sks w/DP at 1680' (Calculated top - 1505')
Checked at 1530' after 4 hrs.
Plug #5: Placed 10 sks in top of 8-5/8' casing.

Welded plate to 8-5/8' casing stub and erected conventional dry hole marker.

Form 9-330



LOCATE WELL CORRECTLY

Salt Lake
U. S. LAND OFFICE
SERIAL NUMBER 14-20-603-362
LEASE OR PERMIT TO PROSPECT Nava jo Tribal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Superior Oil Company Address P. O. Drawer 'G', Cortez, Colorado
Lessor of Tract Nava jo 14-20-603-362 Field Wildcat State Utah
Well No. 44-14 Sec. 14 T. 43S R. 25E Meridian SLB&M County San Juan
Location 510 ft. [N.] of S. Line and 633 ft. [W.] of E. Line of Section 14 Elevation 4933'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

ORIGINAL SIGNED BY
J. C. GORDY

Signed

Date June 17, 1963 J. C. Gordy Title Drilling Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling May 21, 1963 Finished drilling June 13, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8"	115'	8	API	125					Conductor
8-5/8"	1618'	8	API	585					Surface
HISTORIA OF OIL OK. CV2 METT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	115'	125	Circulate to Surface		
8-5/8"	1618'	585	Circulate to Surface		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD | MARK

13-3/8"	115'	125	Circulate to Surface
8-5/8"	1618'	585	Circulate to Surface

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ **Size** _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 5980 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

D & A	June 13, 1963	Put to producing	19
-------	---------------	------------------	----

The production for the first 24 hours was ----- barrels of fluid of which -----% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Mountain States Drilling Company, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>LOG TOPS:</u> De Chelly 2798' Organ Rock 3100' Hermosa 4702' Ismay 5574' Lower Ismay 5689' Desert Creek 5788' Chimney Rock 5920'

THE SUPERIOR OIL COMPANY

P. O. BOX G
CORTEZ, COLORADO
June 17, 1963

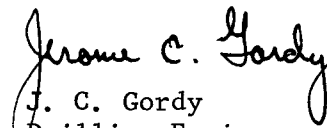
State of Utah
Oil & Gas Conservation Commission
Room 310, Newhouse Building
Salt Lake City, Utah

Gentlemen:

Attached are two copies of "Report of Water Encountered During Drilling" on the Navajo 'U' #44-14, San Juan County, Utah.

We would appreciate your forwarding a supply of these forms to our office so that we will have them available for future use.

Very truly yours,


J. C. Gordy
Drilling Engineer

JCG/njh

File

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BUILDING
SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Navajo 'U' #44-14

Operator The Superior Oil Company Address P. O. Drawer 'G'
Cortez, Colorado Phone 565-3733
(622 Patterson Bldg.

Contractor Mountain States Drilg. Co. Address (Denver 2, Colo. Phone AL 5-1491

Location: SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14 T. 43 ^{NXX} R. 25 ^E San Juan County, Utah!
S WXX

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	<u>No surface water flows encountered.</u>		
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

<u>Formation Tops:</u>	Navajo	- 1027' (Sample Top)	Ismay	5574' (Log Top)
	Chinle	- 1515' "	Lower Ismay	5689'
	De Chelly	- 2798' (Log Top)	Desert Creek	5788'
	Organ Rock	- 3100' "	Chimney Rock	5920'
	Hermosa	- 4702' "		

Remarks: No water flow received at the surface. Trucks continued to haul fresh water for normal make up of drilling fluid while drilling surface water sands. DST of Lower Ismay found salt water but without sufficient pressure to flow to surface. No loss zones encountered.

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

Drillers Log: (Continued)

0'-118' Sand, Shale
118'-217' Sand
217'-803' Sand, Shale
803-1059' Shale, Sand
1059-1515 Sand
1515-1618 Shale

Rule C-20 REPORTING OF FRESH WATER SANDS

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Commission all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered, and the thickness of such sands, and the rate of flow of water if known.

JUN 9 2 1961